

CLAIMS

I claim:

5 1. A grill for cooking food comprising:

a plurality of grill racks;

a forced air supply;

means for holding charcoal while heating;

10 means for heating said charcoal to a temperature appropriate for grilling;

means for transferring hot charcoal to a charcoal holding rack;

a shell for supporting and containing said charcoal and said racks;

means for controlling the flow rate of said air over said charcoal; and

means for conducting air from said forced air supply to the charcoal.

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2. Cooking grill as claimed in claim 1 wherein said racks are disposed toward one another in parallel fashion, each parallel to the ground.

20 3. Cooking grill as claimed in claim 2 wherein a plurality of said racks is adjustable, and thus capable of being moved from place to place within the grill, or removed completely therefrom.

4. Cooking grill as claimed in claim 1 wherein said charcoal holding means is a plurality of metal baskets.

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5. Cooking grill as claimed in claim 1 wherein said heating means is comprised of a plurality of electrical heating coils or rods.

30 6. Cooking grill as claimed in claim 5 wherein said electrical heating means is suitable for use in the absence of charcoal to heat a side burner unit for cooking or warming food.

7. Cooking grill as claimed in claim 1 additionally comprising a cover with handle, said cover being pivotably attached to said shell, allowing said cover to be raised and lowered for open or enclosed cooking.

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8. Cooking grill as claimed in claim 1 wherein said forced air supply is comprised of a forced air supply blower unit attached to said grill.

8. Cooking grill as claimed in claim 1 further comprising an attached vacuum unit for the purpose of aiding cleanup after cooking.

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10. Cooking grill as claimed in claim 1 wherein said airflow controlling means is comprised of a variable flow forced air supply.

11. Cooking grill as claimed in claim 1 wherein said charcoal is ignited and heated in a metal firebox prior to being moved into position for cooking food.

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12. Cooking grill as claimed in claim 11 wherein said forced air supply is delivered to said charcoal by means of a supply tube to said firebox.

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13. Cooking grill as claimed in claim 1 wherein said shell contains a plurality of air diverters.

14. Cooking grill as claimed in claim 1 wherein said shell contains two levels for supporting movable charcoal racks, firebox, manifold, and other internals.

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15. Cooking grill as claimed in claim 1 wherein said firebox comprises an attached mesh screen spark arrestor at the top face of said firebox.

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16. A method for cooking food on a grill over hot charcoal, comprising the steps of:
heating the charcoal over an electric heat source until hot enough to sustain
cooking;
transferring the hot charcoal to a charcoal holding rack disposed directly or
indirectly underneath a food grilling rack;
placing food on said grilling rack and thereafter cooking according to standard
outdoor grilling methods; using forced air to assist the charcoal ignition and
food cooking process; and
at a time after cooking, cleaning aided by a vacuum cleaning device attached
to the food cooking grill.